

FIG. 3 PRIOR ART

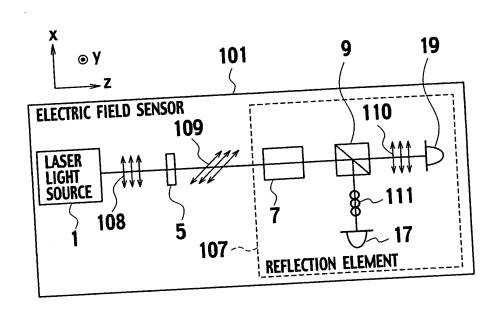
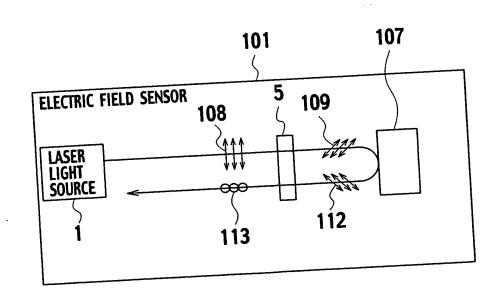
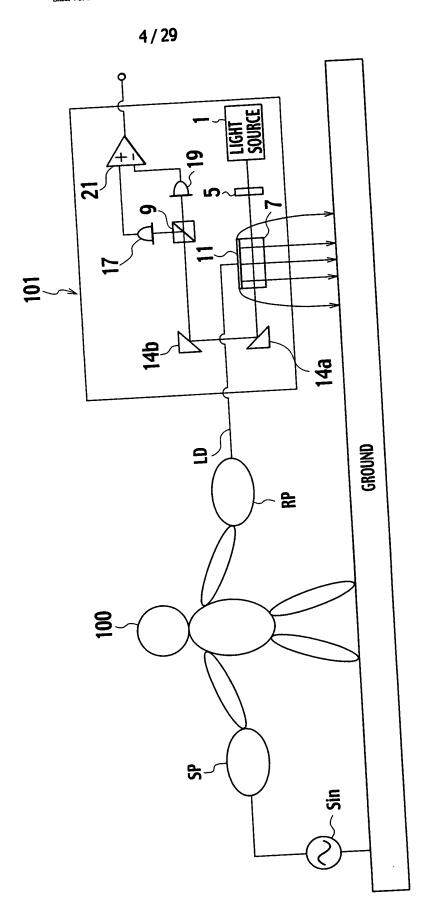


FIG. 4
PRIOR ART



Inventors. Auchirou SASAKI et al Filed: March 14, 2005 Title: Electric Field Sensor and Method of Adjusting the Same Attorney Docket: 44471/313606 Attorney of Record: Brenda O. Holmes Phone: 404.815.6500 Sheet 4 of 29

FIG. 5 PRIOR ART



Inventors. Alichirou SASAKI et al Filed: March 14, 2005 Title: Electric Field Sensor and Method of Adjusting the Same Attorney Docket: 44471/313606 Attorney of Record: Brenda O. Holmes Phone: 404.815.6500 Sheet 5 of 29

5/29

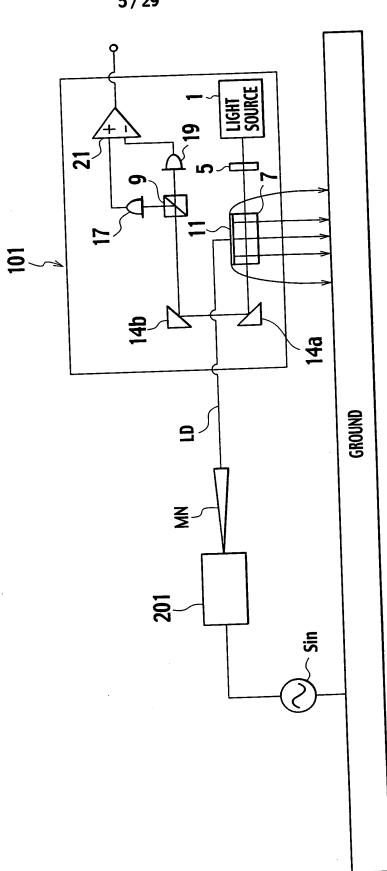
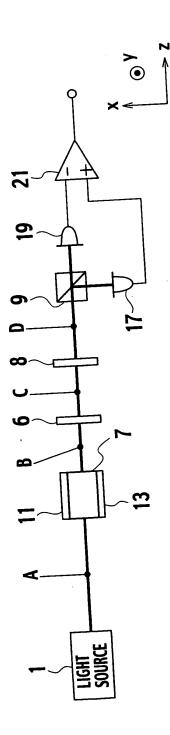
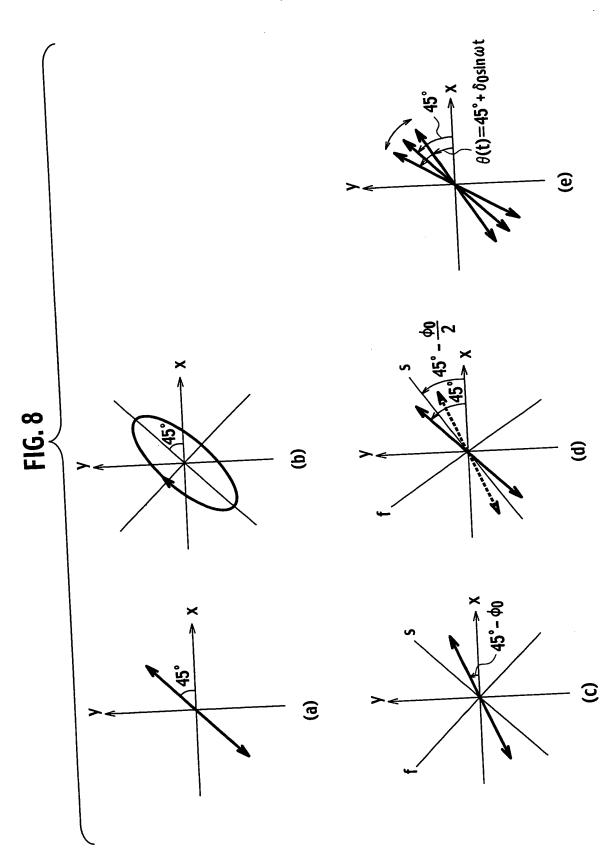
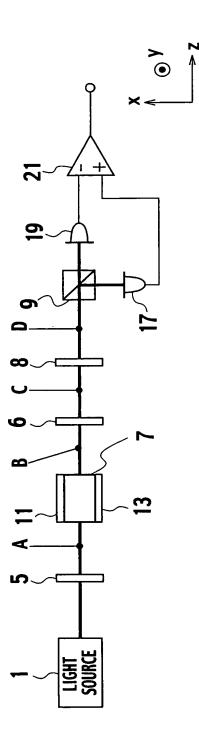


FIG. 6 PRIOR ART

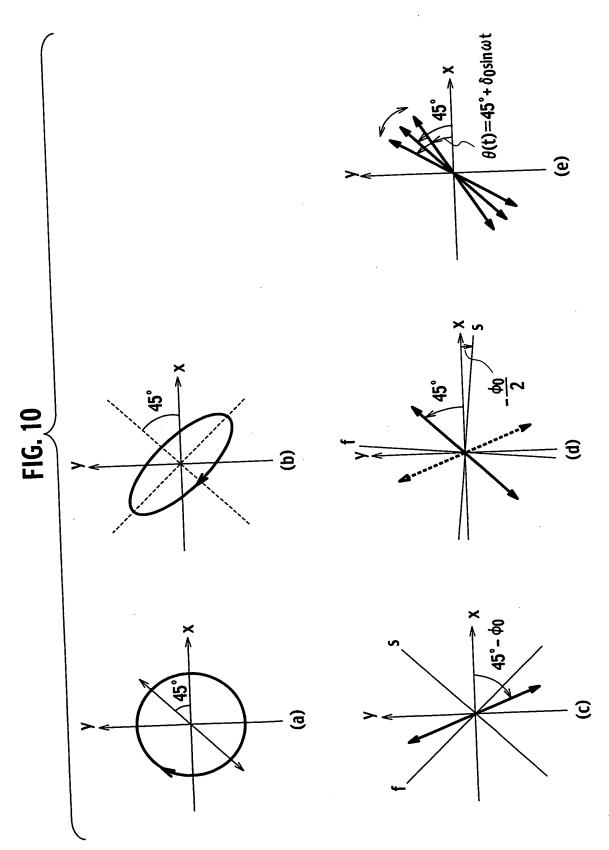


7/29

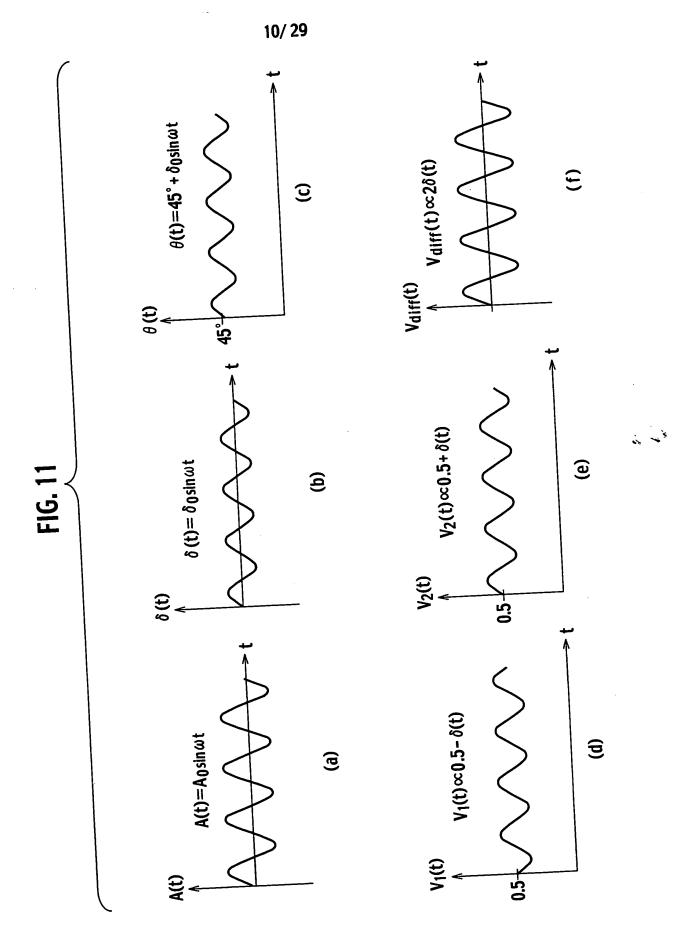




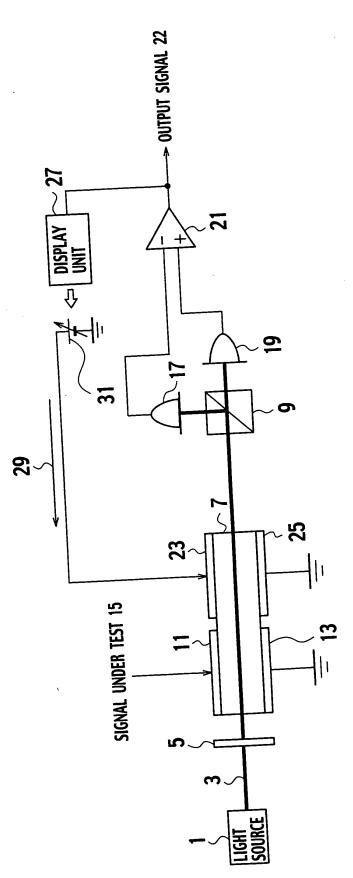
9/29



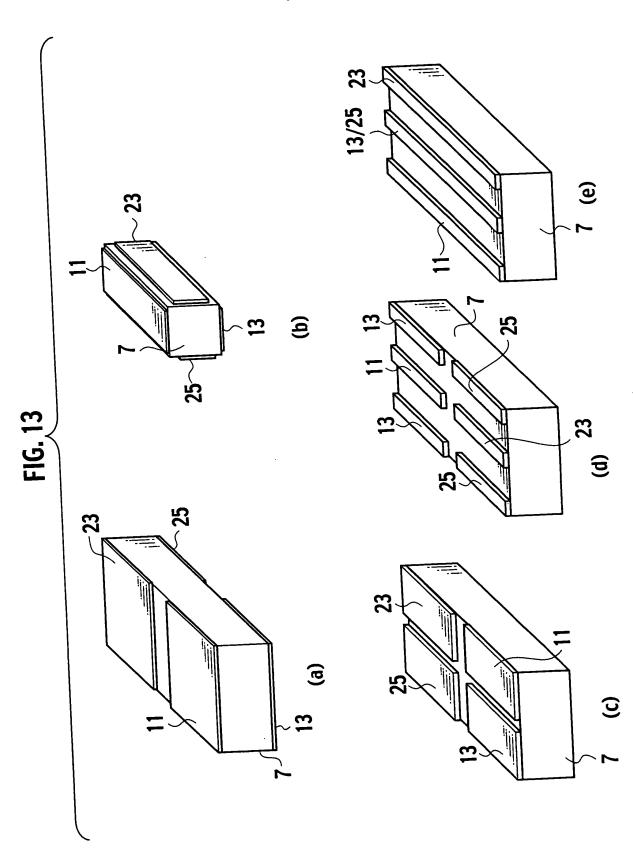
Inventors. Auchtrou SASAKI'et al
Filed: March 14, 2005
Tille: Electric Field Sensor and Method of Adjusting the Same
Attorney Docket: 44471/313606
Attorney of Record: Brenda O. Hohnes
Phone: 404.815.6500
Sheet 10 of 29



11/29



12/29



13/29

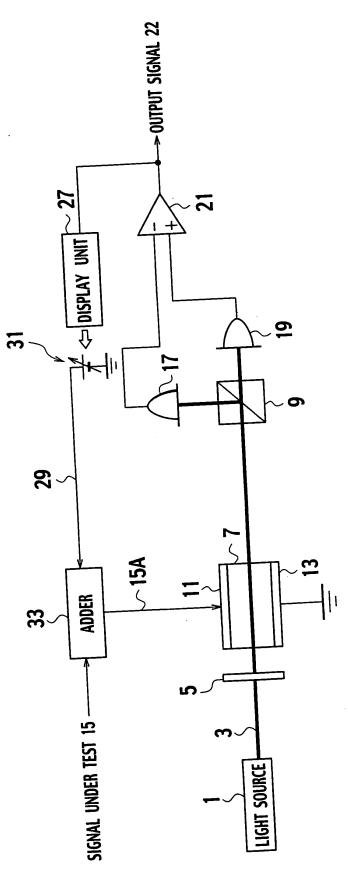
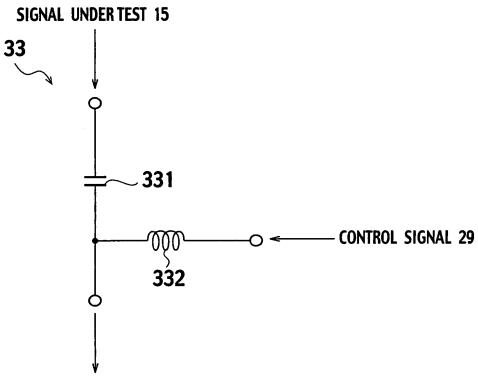
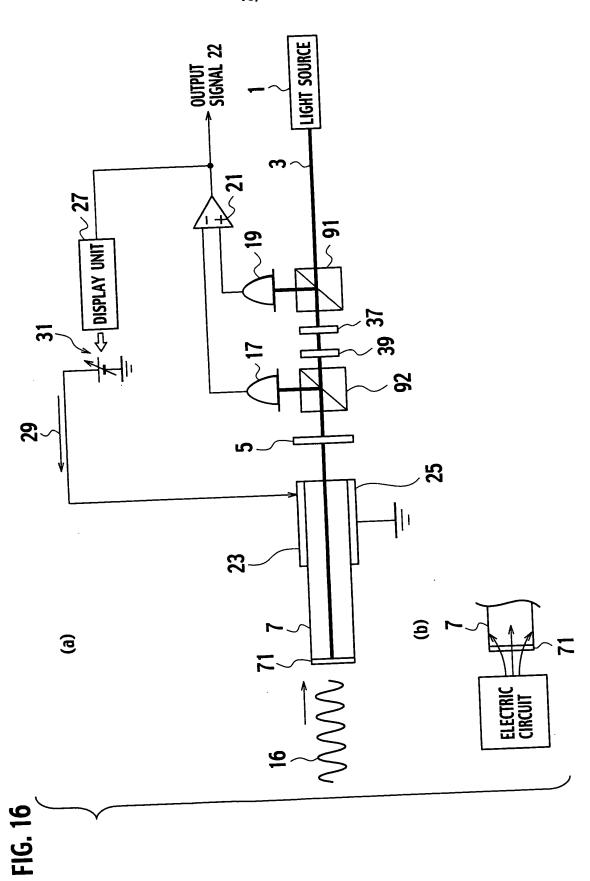


FIG. 15



SIGNAL UNDER TEST 15A AFTER ADDITION TO CONTROL SIGNAL 29 (TO EO CRYSTAL 7)

15/29



Inventors: Auchirou SASAKI et al Filed: March 14, 2005 Title: Electric Field Sensor and Method of Adjusting the Same Attorney Docket: 44471/313606 Attorney of Record: Brenda O. Holmes Phone: 404.815.6500 Sheet 16 of 29

16/29

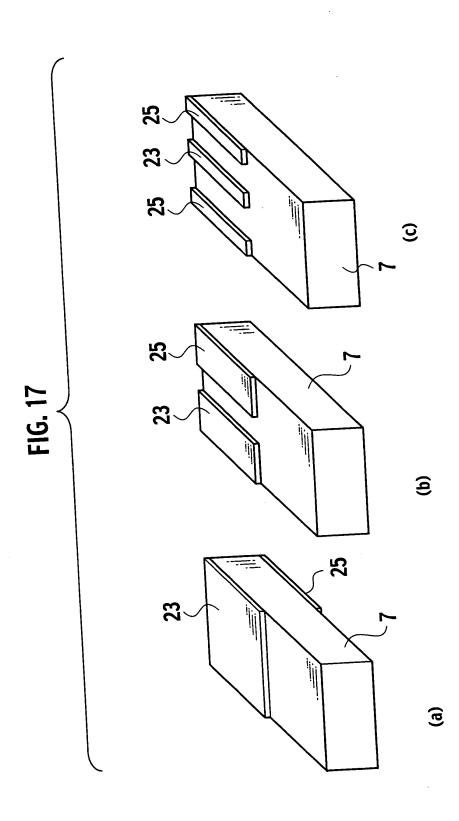
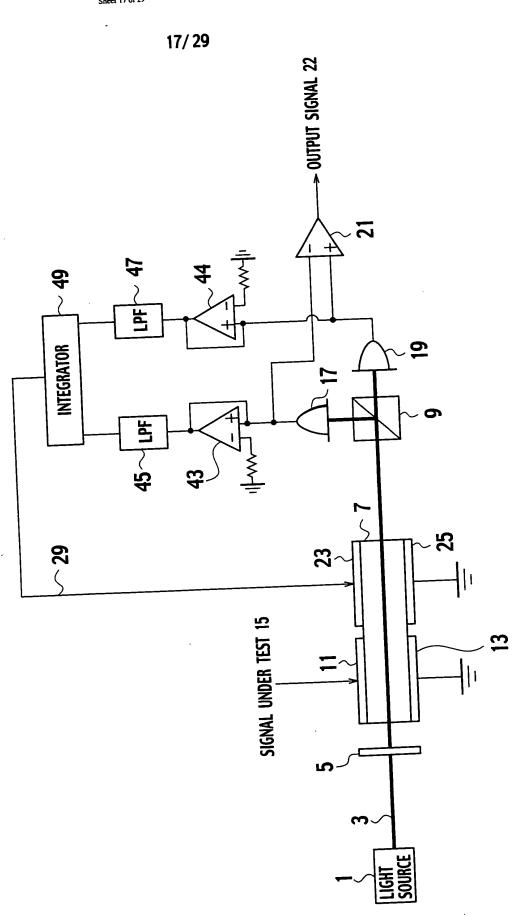
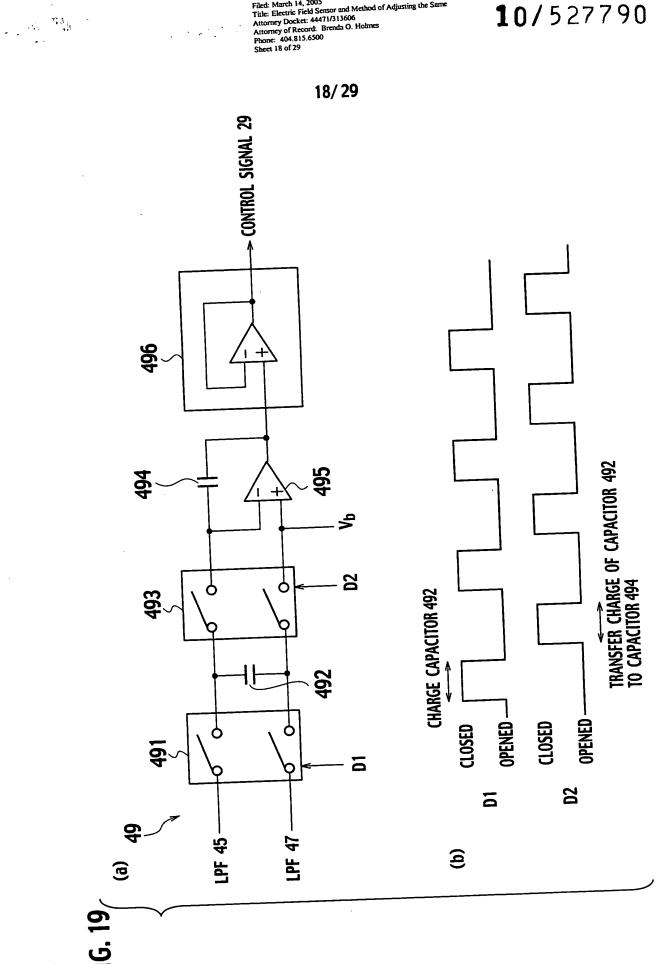
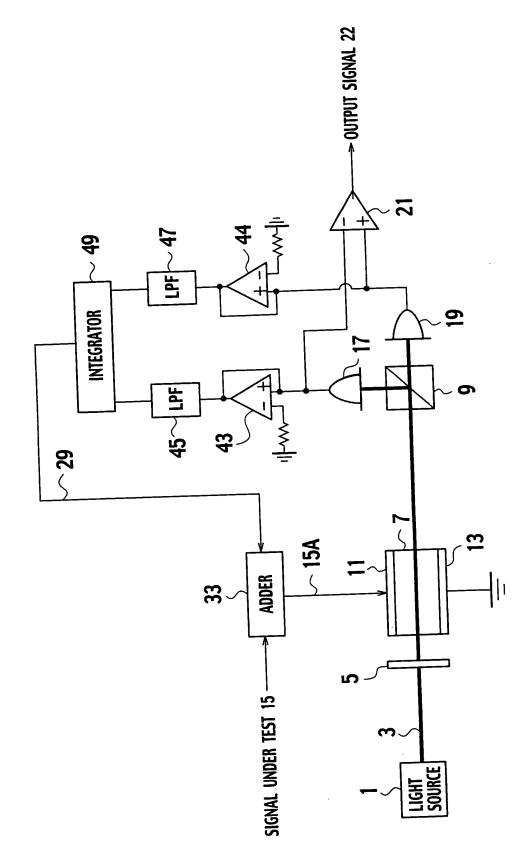


FIG. 18





19/29



Inventors: Aüchirou SASAKI et al.
Filed: March 14, 2005
Title: Electric Field Sensor and Method of Adjusting the Same
Attorney Docket: 44471/313606
Attorney of Record: Brenda O. Holmes
Phone: 404.815.6500
Sheet 20 of 29

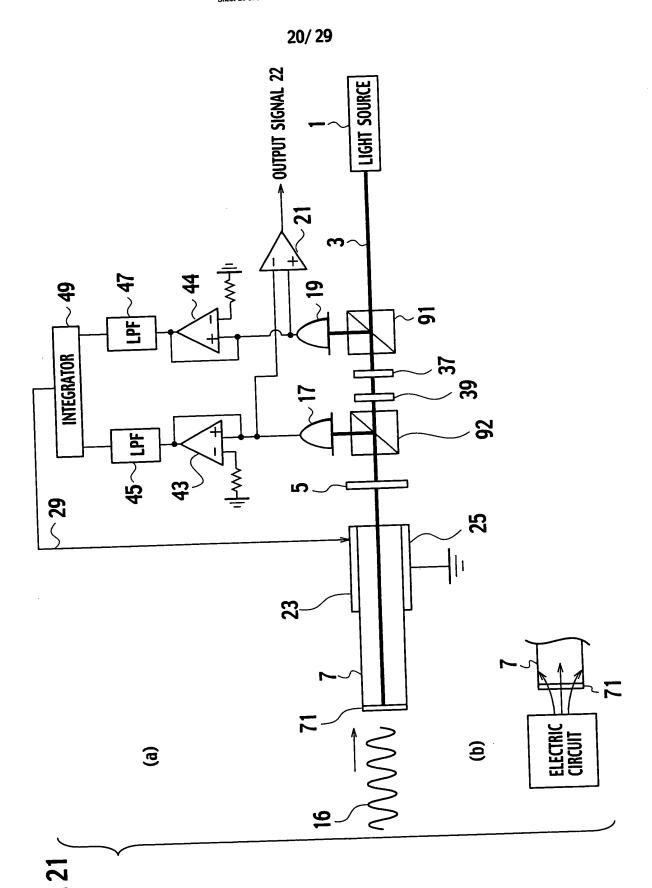


FIG. 22

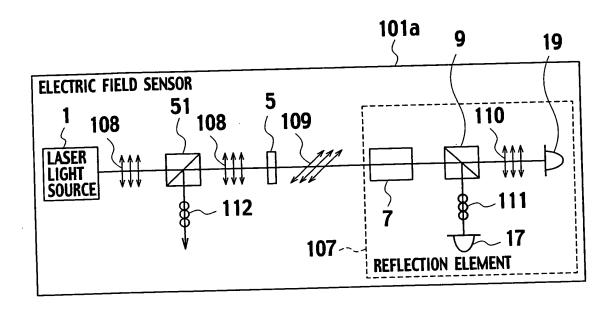
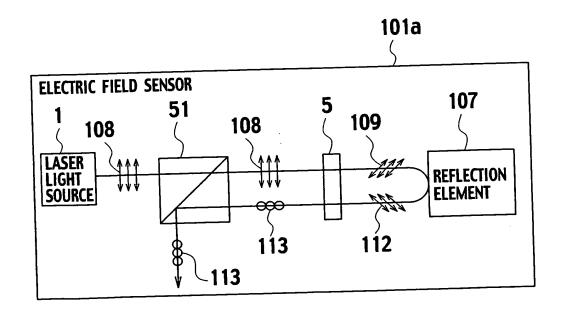


FIG. 23



Inventors Auchirou SASAKI et al.
Filed: March 14, 2005
Tüte: Electric Field Sensor and Method of Adjusting the Same
Attorney Docket: 44471/313606
Attorney of Record: Brenda O. Holmes
Phone: 404.815.6500
Sheet 22 of 29

FIG. 24

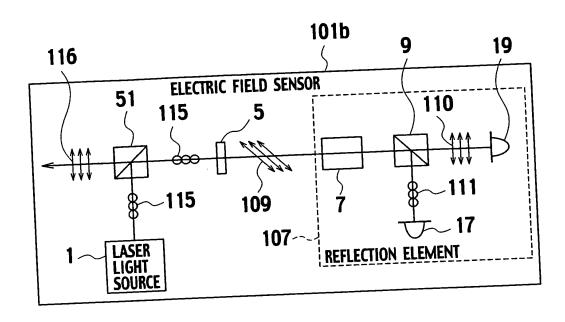
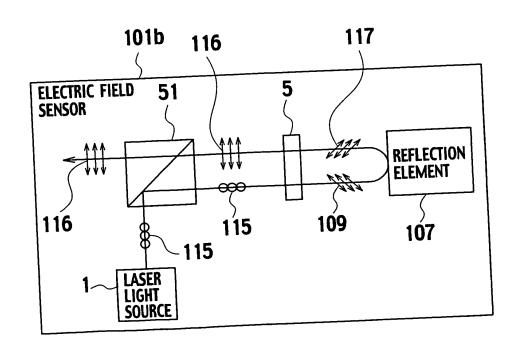


FIG. 25



23/29

FIG. 26

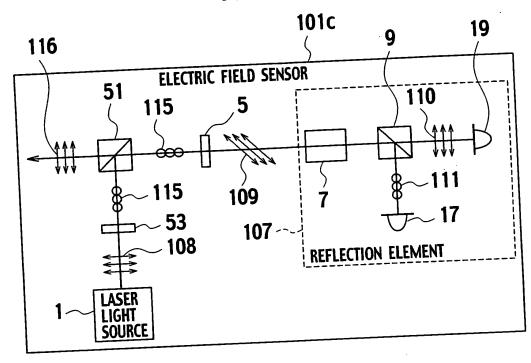
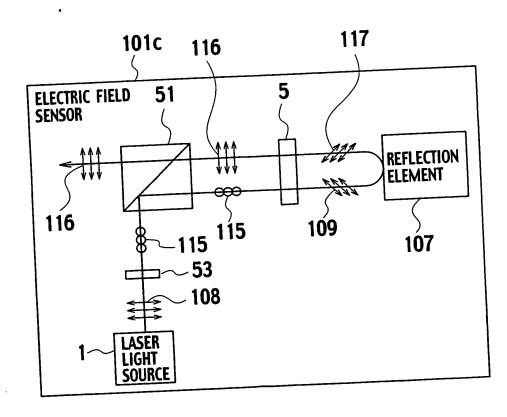


FIG. 27



24/29

FIG. 28

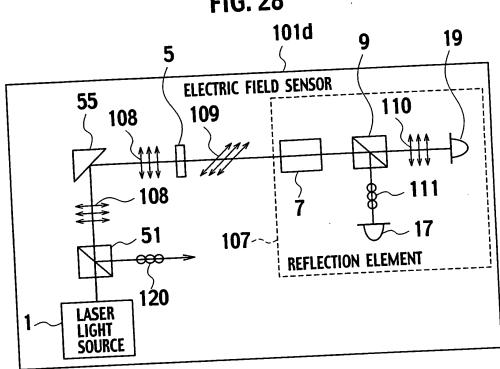


FIG. 29

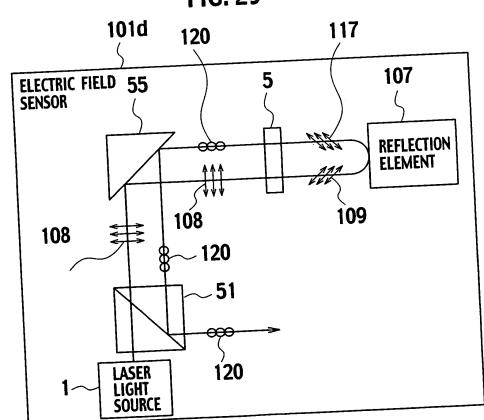


FIG. 30

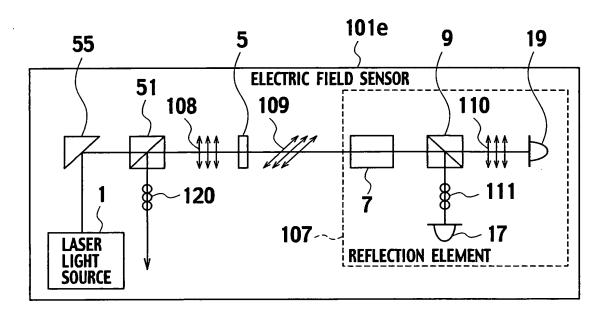
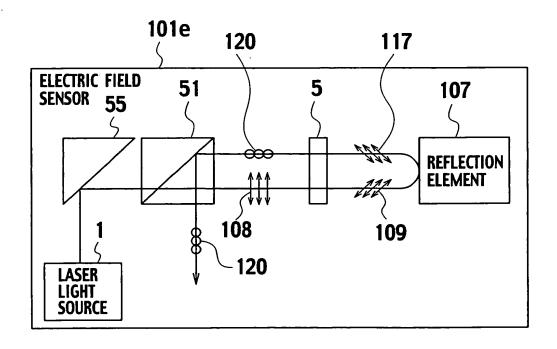
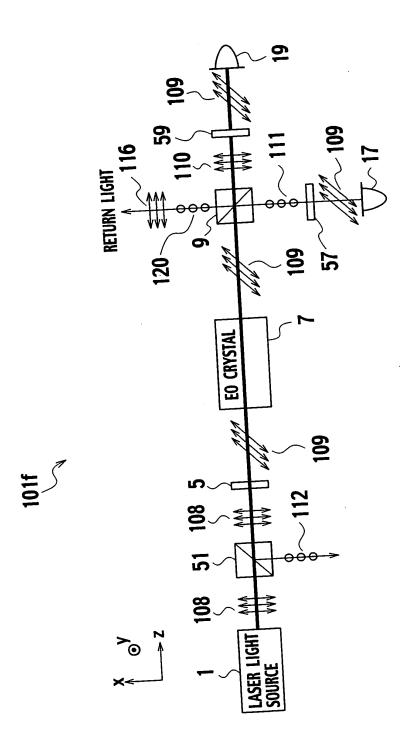


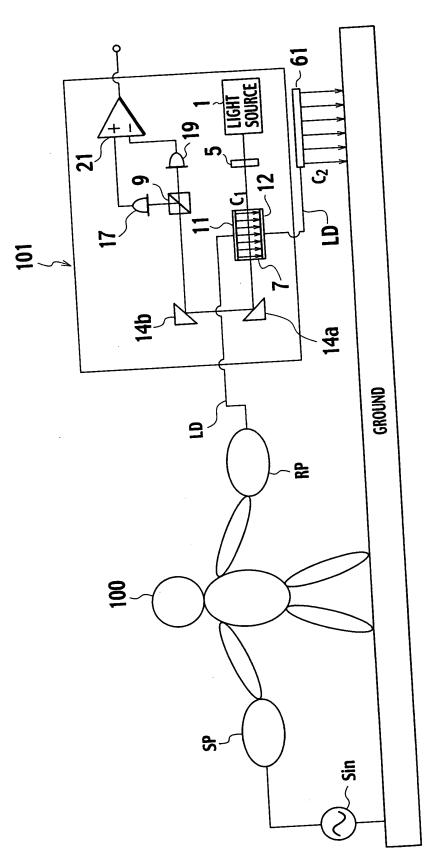
FIG. 31



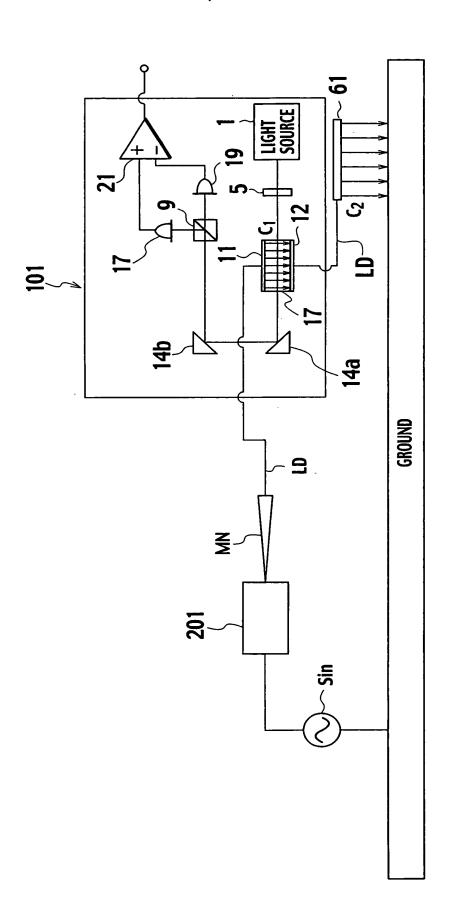
26/29



27 / 29

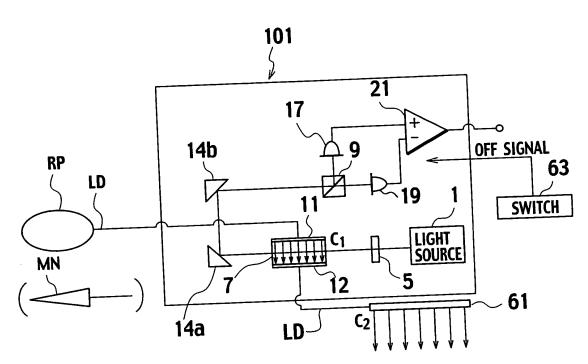


28 / 29



29 / 29

FIG. 35



LD-

14a